## **Abstract**

A method of treating an individual exhibiting at least one symptom of a mental disorder is provided which comprises administering to the individual an antimicrobial composition in an amount effective to inhibit or eliminate the at least one symptom of the disorder. This invention also pertains to a method of treating an individual exhibiting at least one symptom of a mental disorder by administering a probiotic mixture to replenish gastrointestinal microbes.